

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS OGDEN AIR MATERIEL AREA (AFLC)
HILL AIR FORCE BASE, UTAH 84401



REPLY TO
ATTN OF: MML

8 Oct 71

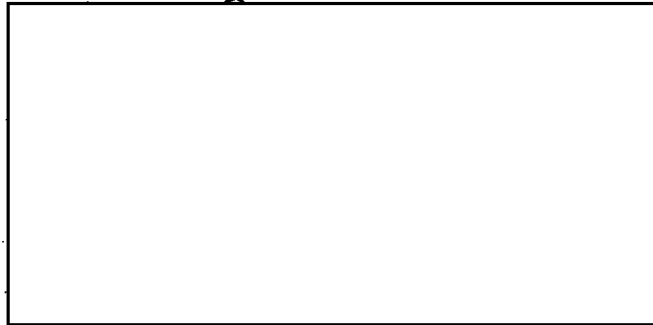
SUBJECT: MLT 1540-1 Light Table Deficiencies (In and Out of Warranty)

TO: USAF (AFINYMA,)

Attached is a listing of reported problems, encountered to date, with the MLT 1540-1 Light Tables.

FOR THE COMMANDER

1 Atch
Listing



USAF review(s) completed.

Declass review by NGA/DoD

1540-1 Light Table Deficiencies

1. Deficiencies Within Warranty

a. Location: OOAMA (Acceptance Tests)

(1) Power Cord, P/N 600412

(a) During acceptance testing, it became apparent the cord reel unit was overheating. Fully extending the cord from the reel unit decreased the heat generated.

(b) Action Taken: Contractor notified of problem. Users notified (via TWX) to fully extend power cord during operation. Contractor issued "caution" inserts for inclusion in preliminary manuals; MIP OONLA 71-0134 established to expedite fix. Service Engineering (MMEDP) in contact with the contractor to determine the fix.

(c) Solution: Pending outcome of communications between MMEDP and contractor.

b. Location: USAFE (INIM/497th RTG)

(1) Illumination Control P. C. Board, P/N 600143

(a) USAFE reported malfunction 210845Z Jun 71, and requisitioned replacement (FB560411951531)

(b) Action taken: Replacement shipped

(2) Bias Card Assy, P/N 600171

(a) USAFE reported malfunction 210845Z Jun 71 and requisitioned replacement (FB560411951532)

(b) Action Taken: Replacement shipped. Contractor shipped 10 each Bias Cards to replace those in use.

(3) Lamps, P/N 600004

(a) USAFE reported five failures 210845Z Jun 71, and requisitioned replacements (FB560411951530)

(b) Action Taken: Replacements shipped

(4) Overheating of Electronic Circuit Boards

(a) This problem was created by the motorized tables and concerns the Air Force as regards to standardization of the basic table configuration. Five of the seventy-one tables received by the Air Force were not modified for increased cooling of internal components. These tables were sent to USAFE.

(b) Action Taken: Engineering Change Notice and associated kits were sent to USAFE to accomplish modification.

c. Location: TAC (480 RTG)

(1) Film Drive Assy, P/N 600304

(a) No control of film drive speed reported via telephone conversation, 1 September 1971. UR submitted 13 September 1971.

(b) Action Taken: MIP OONLA 71-0164 established on 16 September 1971. Activity isolated malfunction. OOAMA identified part failed and advised activity of FSN. Contractor notified to send tech rep to determine cause of failure and assume responsibilities of warranty.

(c) Solution: Pending visit of tech rep

d. Location: PACAF (548 RTG)

(1) Film Transport System will not reverse

(a) Problem applies to one of three tables received.

(b) Action Taken: Special Project 71-1218 established 5 October 1971. PACAF requested to submit RUMR 6 October 1971.

(c) Solution: Pending receipt of RUMR

2. Deficiencies Outside Warranty

a. Location: SAC (544 ARTW)

(1) Ten tables damaged in shipment

(a) Tables damaged after acceptance test at OOAMA

(b) Action Taken: Performed on-site inspection of damage to determine cause and identify parts required. Required parts supplied and methods and procedures of packaging and transportation revised.

(2) Difficulty in maintaining focus of stereoscope using 2X lens for 60X magnification.

(a) HQ SAC reported above discrepancy 23 August 1971. Design specs require stereoscope maintain focus through .0075 inches of lateral movement. This requirement can be met only through the use of the 1X lens. The use of the 2X lens limits lateral movement to .002 inches.

(b) Action Taken:

1. Established MIP OONLA-71-0159 to determine design specs necessary to allow greater movement without losing focus.

2. MML letter to USAF (AFINYMA) requesting enforcement of warranty provisions.

STAT 3. [] (MEDP) visited Offutt AFB and verified problem. MMEDP requested a light table for engineering use, but there is none available. It was recommended that engineering go TDY to Offutt AFB (closest table) for access to a table to attempt to resolve the problem. The only other alternative is to submit an allowance/authorization change request, AF Form 601A, to buy a table for engineering use.

b. Location: USAFE (INIM/497 RTG)

(1) Four tables damaged in shipment

(a) Received damage assessment 21 June 1971

(b) Action Taken: - Requested DD-6. Damaged parts replaced and methods and procedures of packaging and handling revised.

c. Location: FTD, Wright-Patterson AFB (ENHR)

(1) Fifteen tables damaged in shipment

(a) Received request for on-site damage assessment

(b) Action Taken: OOAMA performed On-site damage assessment, 19 July 1971. Parts required ASD direct from contractor to user and packing and handling methods and procedures revised.